



SUBSTITUTE ABSTRACT

A fuel cell composed of a plurality of cell function assemblies of each of which includes a set of spaced electrolytic membranes, two pairs of electrode plates in contact with opposite surfaces of each of the electrolytic membranes, a set of separators, and a set of six support frames assembled to retain the electrolytic membranes and separators in position. In the fuel cell, the separators each are in the form of a flat plate of synthetic resin integrally provided with a plurality of spaced projections made of pressed carbon powder and retained in contact with the electrode plates to form a pair of reaction chambers at opposite sides of each of the electrolytic membranes.